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(54) WIPING SHEET

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a wiping sheet excellent in feeling, dry strength and wet ting strength by forming a laminated sheet by embossing for a laminated object made by laminating plural sheets of wet pulp sheets of specified basis weight by including polyols of specified quantities.

SOLUTION: By including 5 to 40 pts.wt. of polyols in 100 pts.wt. of a laminated object made by laminating plural

sheets of wet pulp sheets of 10 to 30 g/m² in basis weight and embossing this laminated object, a wiping sheet to be used as a paper towel for care for adult, a disposable dustcloth and kitchen paper is obtained. In manufacturing this wiping sheet, at first a laminated object is obtained by laminating wet pulp sheets, polyols are applied to the laminated object obtained, the laminated object is aged of 0.5 hours or more and embossed and to be integrated. Glycerol, polyethylene glycol or the like are used for polyols.

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Wipe sheet useful as paper towel, etc - contains laminate sheet of
specific weight of wet pulp sheet and polyols

Patent Assignee: KAO CORP (KAOS)

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Patent Family:

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Abstract (Basic): JP 11332777 A

NOVELTY - About 100 wt part of laminates has 2 or more wet pulp sheet of 10-30 g/m2 of basic weight which is laminated and 5-40 wt part of polyols to form a laminate sheet to which embossing is carried out to form wipe sheet. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the manufacturing of wipe sheet which involves laminating wet pulp sheet, applying polyols, aging for 0.5 hours or more, embossing and making it integrate to form wipe sheet.

USE - Wipe sheet is useful as paper towel, etc.

ADVANTAGE - Wipe sheet is excellent in feeling and has sufficient strength (both baked and wet strength). Wipe sheet is inexpensive and excels in high productivity.

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Derwent Class: D22; F09; P28; P34

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